

JCO4 Rec'd PCT/PTO 27 OCT 2005

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Seiichi TANABE, et al.

Appln. No.: 10/541,021

Confirmation No.: Unknown

Filed: June 28, 2005



Docket No: Q88428

Group Art Unit: Unknown

Examiner: Unknown

For: **PROCESS FOR PRODUCING PENTAERYTHRITOL DIPHOSPHONATE**

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action

on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

1. The disclosure on page 3 of the present specification and the submission of an English language abstract for JP-A-5-163288 constitutes a concise statement of relevance of JP-A-5-163288.

2. The indication in the International Search Report of the degree of relevance found by the foreign patent office, the disclosure on page 4 of the present specification, and the submission of an English language abstract, as well as corresponding US Publication 2004/0127611-A1 constitute a concise statement of relevance of WO 02/092690.

3. The disclosure on page 4 of the present specification and the submission of an English language abstract, as well as corresponding US Patent 4,178,281, constitute a concise statement of JP-A-54-157156.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No.: 10/541,021

Attorney Docket No. Q88428

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

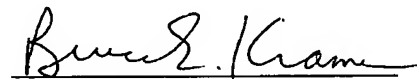
Respectfully submitted,

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Date: October 27, 2005

Substitute for Form 1449A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Application Number	10/541,021
				Confirmation Number	Unknown
				Filing Date	June 28, 2005
				First Named Inventor	Seiichi TANABE
				Art Unit	Unknown
				Examiner Name	Unknown
Sheet <u>1</u> of <u>1</u>				Attorney Docket Number	Q88428

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US 2004/0127611	A1	07-01-2004	YAMANAKA ET AL.
		US 4,174,343		11-13-1979	HARDY ET AL.
		US 3,141,032		07-14-1964	LESTER FRIEDMAN
		US 4,178,281		12-11-1979	WILLIAM E. HORN, JR.
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	5-163288	A	06-29-1993	MITSUI PETROCHEM IND. LTD.	ABSTRACT
		WO	02/092690	A1	11-21-2002	TEIJIN CHEMICALS LTD.; YAMANAKO KATSUHIRO; TAKETANI YUTAKA	ABSTRACT and Corresponding US Publication No. 2004/0127611
		JP	54-157156	A	12-11-1979	BORG WARNER	ABSTRACT and Corresponding US Patent 4,178,281

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.